

EOSDIS IV&V Technical Analysis Memorandum (TAM)

TO: C. Carlisle / GSFC 505
FROM: EOSDIS IV&V TEAM
SUBJECT: Review comments on the Inter-Project Agreement (IPA) between the PM and ESDIS Projects for Flight Operations of PM-1

1. Context

The first draft of the subject document, dated May 1995, was released for review and comment. Presented below are the comments of the EOSDIS IV&V Team regarding this draft.

2. Discussion and Recommendations

Most comments for this draft address consistency issues, both within the document and with other concepts and agreements. Recommendations are given for each section.

General References to Ecom should be updated to be consistent with the EBNet designation of the consolidated network.

Section 4.2 The first sentence mentions cooperation with respect to requirements on 'EOSDIS', yet the table lists responsibilities for the development of requirements on the NASA institutional support systems. Since the table addresses EGS-wide requirements, the lead sentence should be changed to indicated this scope.

Section 4.3 The table lists a PM-1 to STDN/DSN ICD to be developed. However, this will not be one document; general ICDs for these networks already exist and PM-1 will need to develop appendices to these existing ICDs for any unique interface capabilities required, consistent with other flight projects.

Section 4.5 Responsibility for updates and maintenance of the flight operations database during the various mission phases should be specified.

Section 5.0, Section 6.0 These two phases overlap; both cite the post-launch orbital checkout period as being a part of their phase. The tables in both sections include activities during this period. Section 5.0 should be modified to conform to its section title, only including activities through launch. Orbital checkout activities should be moved to Section 6.0.

Section 7.0 Missing from this section are the responsibilities for maintenance of the IST tool kits and maintenance of the ETSF and SDVF after the orbital activation phase.

The long-term responsibilities for these systems should be designated. The general responsibility statements in the table do not address these adequately.

3. Recommended Distribution

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